

Application or Docket Number  
10/027-457

| (Column 1) | (Column 2) |
|------------|------------|
| 1          | 2          |
| 3          | 4          |
| 5          | 6          |
| 7          | 8          |
| 9          | 10         |
| 11         | 12         |
| 13         | 14         |
| 15         | 16         |
| 17         | 18         |
| 19         | 20         |
| 21         | 22         |
| 23         | 24         |
| 25         | 26         |
| 27         | 28         |
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| 31         | 32         |
| 33         | 34         |
| 35         | 36         |
| 37         | 38         |
| 39         | 40         |
| 41         | 42         |
| 43         | 44         |
| 45         | 46         |
| 47         | 48         |
| 49         | 50         |
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| 57         | 58         |
| 59         | 60         |
| 61         | 62         |
| 63         | 64         |
| 65         | 66         |
| 67         | 68         |
| 69         | 70         |
| 71         | 72         |
| 73         | 74         |
| 75         | 76         |
| 77         | 78         |
| 79         | 80         |
| 81         | 82         |
| 83         | 84         |
| 85         | 86         |
| 87         | 88         |
| 89         | 90         |
| 91         | 92         |
| 93         | 94         |
| 95         | 96         |
| 97         | 98         |
| 99         | 100        |

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| FOR   | NUMBER FILED   | NUMBER EXTRA |
|---|--|--------------|
| BASIC FEE<br>(37 CFR 1.16(b), (v), or (c))        |  |              |
| SEARCH FEE<br>(37 CFR 1.16(h), (i), or (m))       |  |              |
| EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (u))  |  |              |
| TOTAL CLAIMS<br>(37 CFR 1.16(f))                  | minus 20 =   | *            |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))            | minus 3 =  | *            |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))          | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s) |              |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(g)) |  |              |

| RATE (\$) | FEE (\$) |
|-----------|----------|
|           |          |
|           |          |
|           |          |
| x 25 =    |          |
| x 100 =   |          |
|           |          |
|           |          |
| TOTAL     |          |

| RATE (\$) | FEE (\$) |
|-----------|----------|
|           |          |
|           |          |
|           |          |
| x 50 =    |          |
| x 200 =   |          |
|           |          |
|           |          |
| TOTAL     |          |

APPLICATION AS AMENDED - PART II

| (Column 1) | (Column 2) | (Column 3) |
|------------|------------|------------|
|------------|------------|------------|

of

| AMENDMENT A                                      | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|------------------------------------|---------------|
| 11/18/05   |                                  |                                    |               |
| Total (37 CFR 1.161)                             | 41                               | 40                                 | 1             |
| Independent (37 CFR 1.162)                       | 12                               | 10                                 | 2             |
| Application Size Fee (37 CFR 1.161)              |                                  |                                    |               |
| FIRST PRIOR PATENT NUMBER AND TITLE OF INVENTION |                                  |                                    |               |

| RATE (\$)               | ADDITIONAL FEE (\$) |
|-------------------------|---------------------|
| 25 =                    |                     |
| 100 =                   |                     |
|                         |                     |
|                         |                     |
|                         |                     |
| TOTAL<br>ADDITIONAL FEE |                     |

| SMALL ENTITY   |                     |
|----------------|---------------------|
| RATE (\$)      | ADDITIONAL FEE (\$) |
| 50 =           | 50                  |
| 200 =          | 400                 |
|                |                     |
|                |                     |
| TOTAL ADDL FEE |                     |

| AMENDMENT B  | Column 1:                                 |      | Column 2:                                   |  | Column 3:        |
|--|---|------|---|--|------------------|
|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |      | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR |  | PRESENT<br>ENTER |
| Total<br>(37 CFR 1.16)   | *   | None | **  |  | 1                |
| Independent<br>(37 CFR 1.16a)                                  | *   | None | ***   |  | 1                |
| Application Size Fee (37 CFR 1.16a)                            |   |      |   |  |                  |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.16b) |   |      |   |  |                  |

| RATE (\$)    | ADDITIONAL FEE (\$) |
|--------------|---------------------|
| 1 =          |                     |
| 2 =          |                     |
|              |                     |
|              |                     |
| TOTAL<br>FEE |                     |

| RATE (\$)          | ADDITIONAL FEE (\$) |
|--------------------|---------------------|
| 1. =               |                     |
| 2. =               |                     |
|                    |                     |
|                    |                     |
| TOTAL<br>APPLY FEE |                     |

\*\*\* Bruce Highland Horton, President, Pacific Rim Institute, 3400 F Street, N.W., Washington, D.C. 20007.

The Highest Number Preceding Each Total of Independent is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.13. The information is required to allow or retain a benefit by the public which is to be paid by the USPTO to process an application. Confidentiality is required by 37 CFR 1.13 and 37 CFR 1.134. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application to the USPTO. The time will vary depending upon the individual. Any comments on the need of how long it takes to complete this form and any suggestions for improvement of this pattern should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, First Floor, 400 Lexington Avenue, New York, NY 10017-4550. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Figure 1. The effect of the concentration of the  $\text{H}_2\text{O}_2$  solution on the amount of the  $\text{H}_2\text{O}_2$  consumed in the reaction of the  $\text{H}_2\text{O}_2$  with the  $\text{Fe}^{2+}$  ion.